

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045143.D
 Acq On : 05 Mar 2025 15:32
 Operator : JC/MD
 Sample : Q1478-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-612-022825

Quant Time: Mar 06 01:08:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

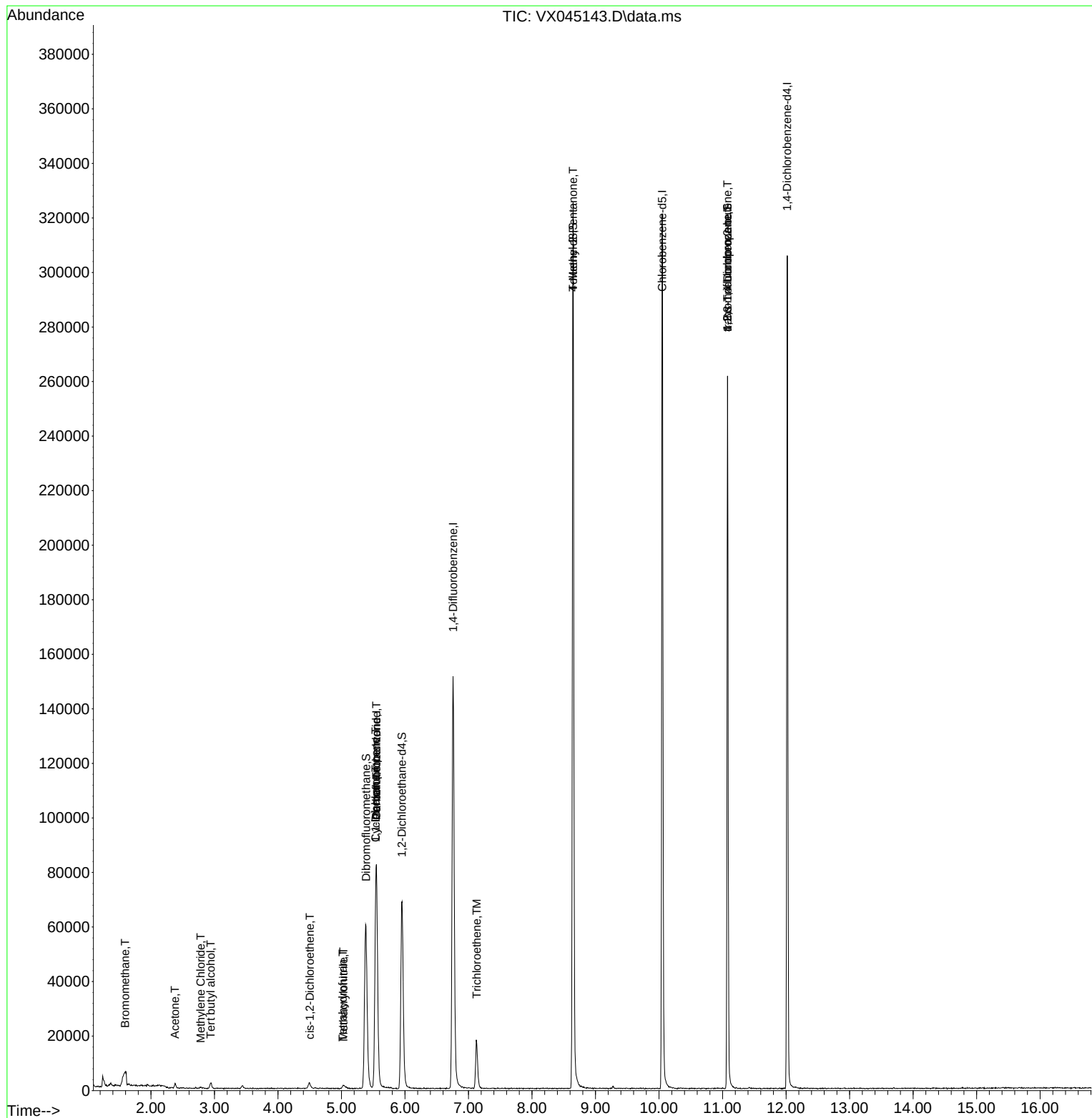
Internal Standards						
1) Pentafluorobenzene	5.550	168	77819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65197	52.671	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.340%	
35) Dibromofluoromethane	5.385	113	53117	51.924	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.647	98	192696	51.958	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.920%	
62) 4-Bromofluorobenzene	11.079	95	66421	54.047	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	129	0.276	ug/l #	3
11) Tert butyl alcohol	2.941	59	1084	4.623	ug/l #	73
16) Acetone	2.380	43	1743	3.035	ug/l	92
20) Methylene Chloride	2.782	84	298	0.262	ug/l #	52
27) cis-1,2-Dichloroethene	4.501	96	1341	1.150	ug/l	96
29) Tetrahydrofuran	5.019	42	1256	2.163	ug/l #	70
31) Cyclohexane	5.538	56	1992	1.183	ug/l #	39
36) 1,1-Dichloropropene	5.538	75	7027	5.009	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8513	5.977	ug/l #	16
41) Methacrylonitrile	5.032	41	800	0.818	ug/l #	50
44) Trichloroethene	7.129	130	6958	6.689	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1018	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35917	25.452	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35917	87.103	ug/l #	6

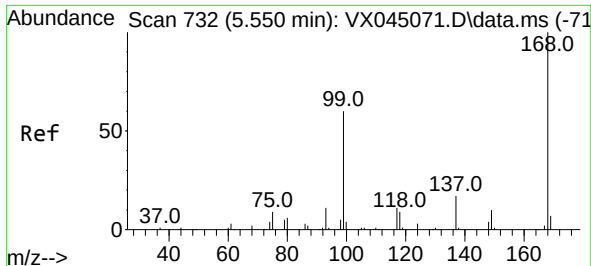
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 06 01:08:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

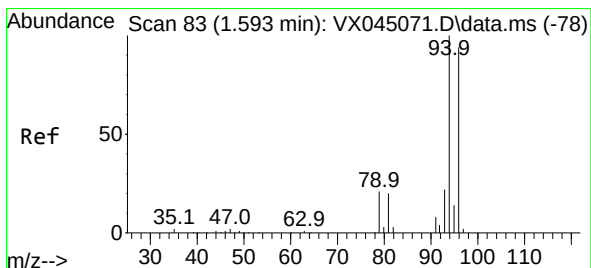
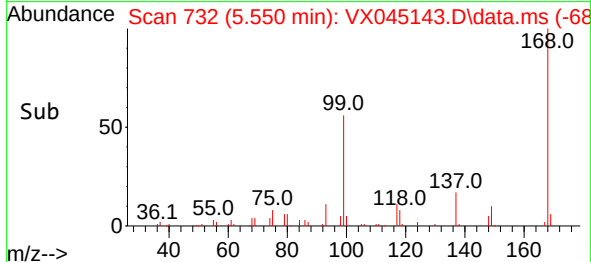
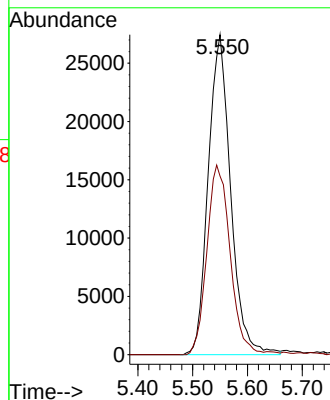
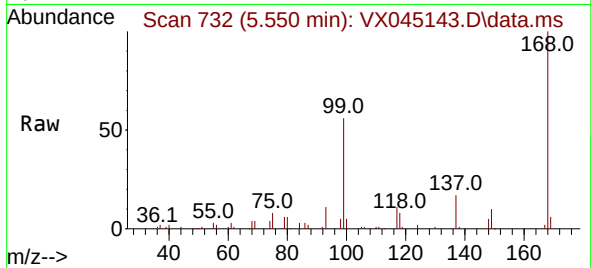




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

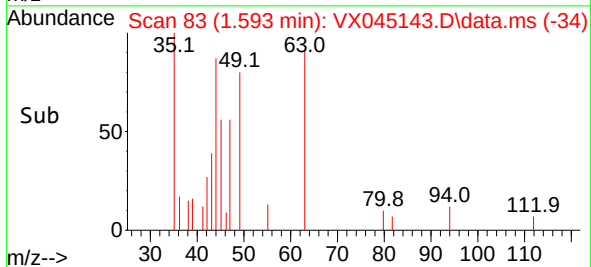
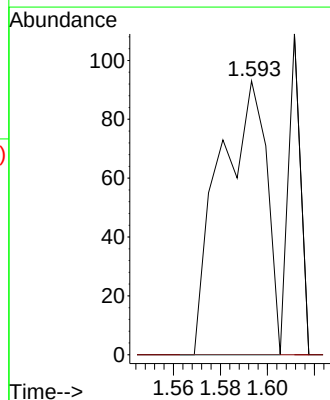
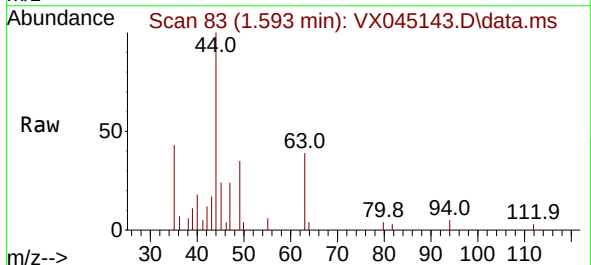
Instrument : MSVOA_X
ClientSampleId : IDW-AQ-DRUM-612-022825

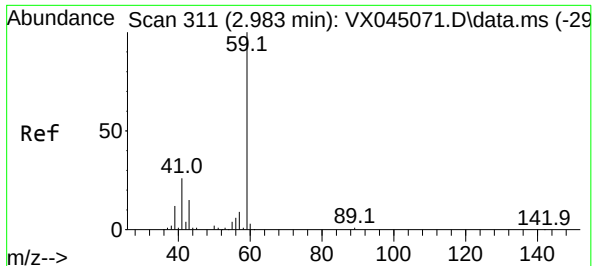
Tgt Ion:168 Resp: 77819
Ion Ratio Lower Upper
168 100
99 55.8 48.2 72.4



#5
Bromomethane
Concen: 0.276 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 0.0 75.0 112.4#

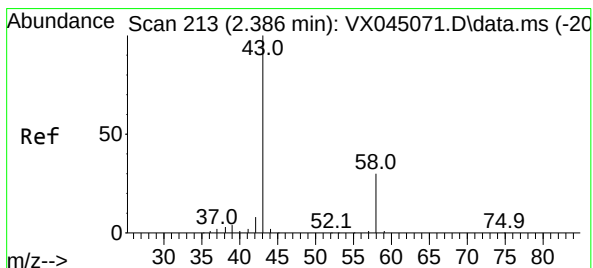
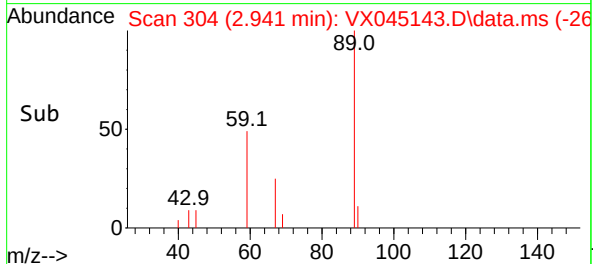
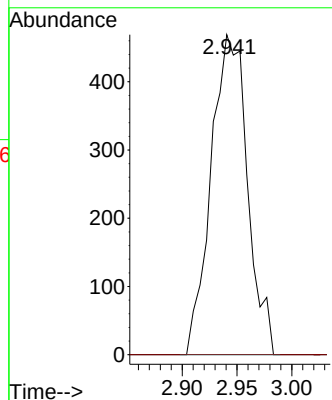
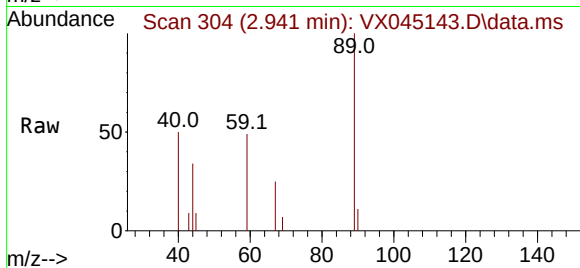




#11
Tert butyl alcohol
Concen: 4.623 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

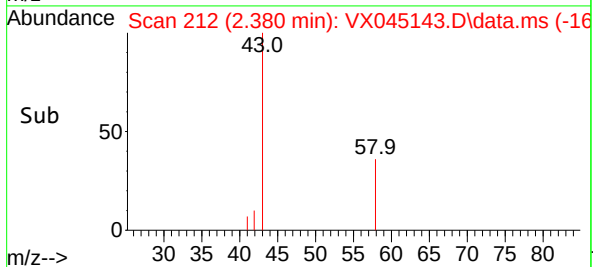
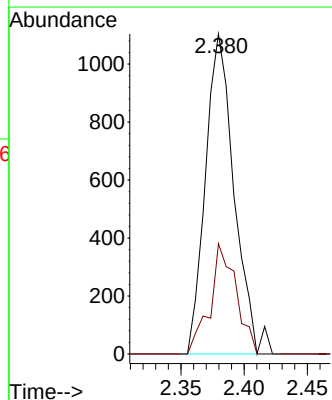
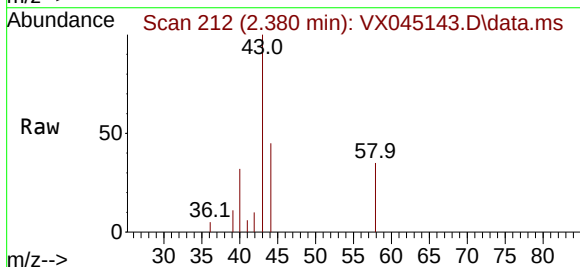
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

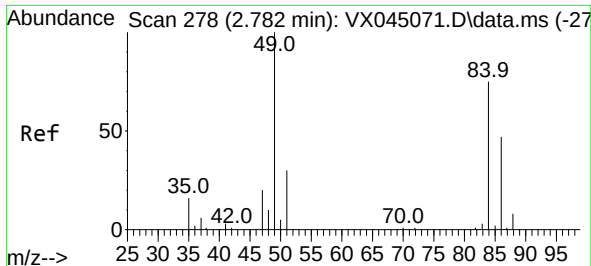
Tgt Ion: 59 Resp: 1084
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 3.035 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.4

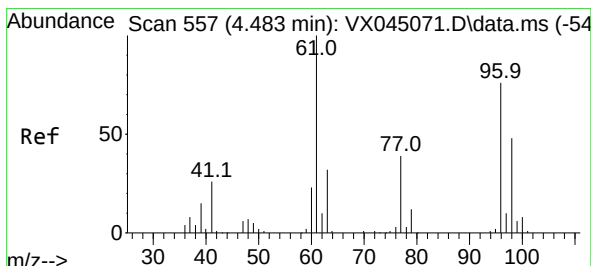
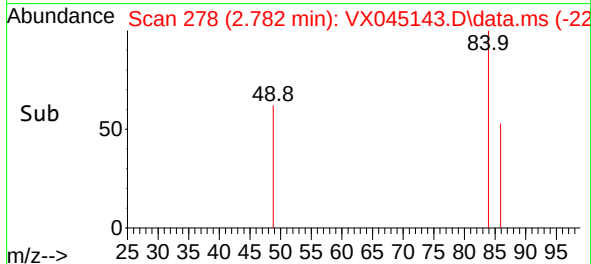
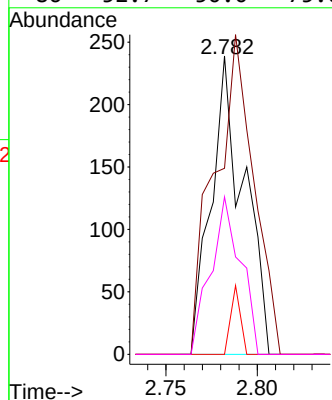
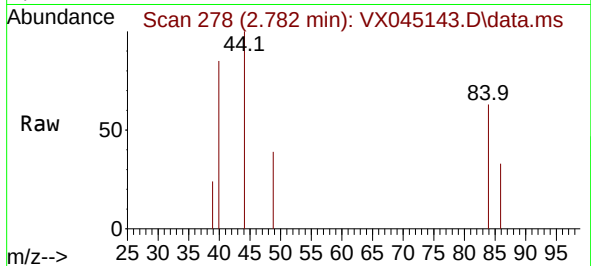




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

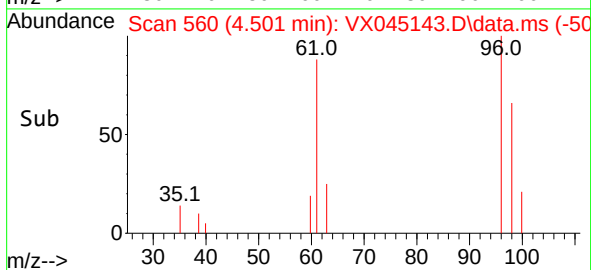
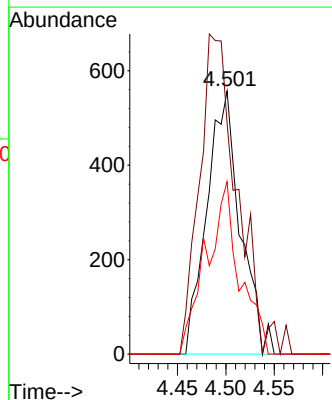
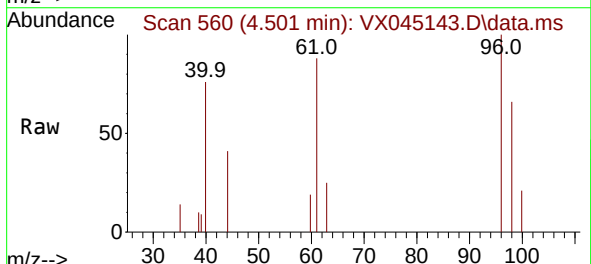
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

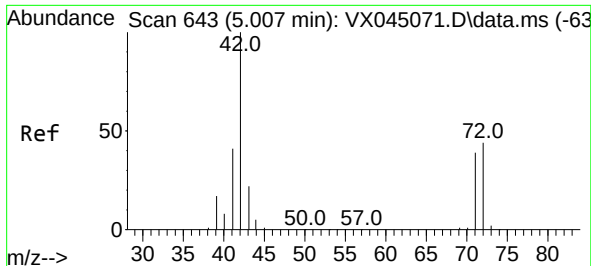
Tgt Ion: 84	Resp: 298
Ion Ratio	Lower Upper
84 100	
49 62.3	106.5 159.7#
51 0.0	32.1 48.1#
86 52.7	50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 1.150 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.018 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 96	Resp: 1341
Ion Ratio	Lower Upper
96 100	
61 135.0	0.0 283.2
98 65.5	0.0 128.0

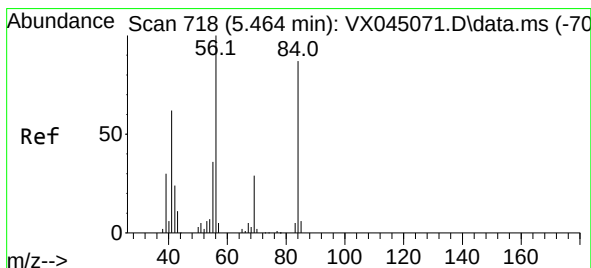
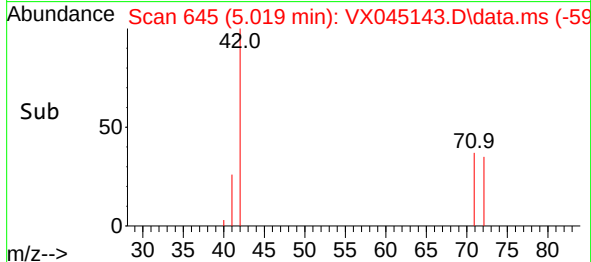
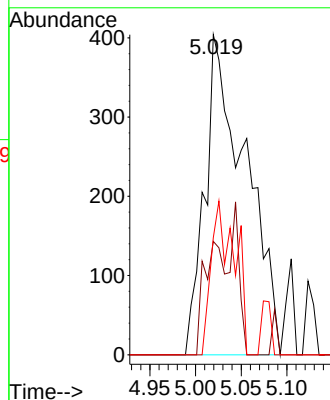
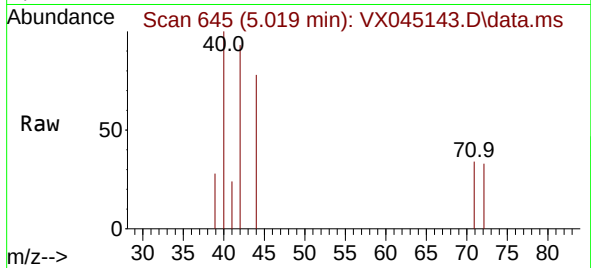




#29
Tetrahydrofuran
Concen: 2.163 ug/l
RT: 5.019 min Scan# 643
Delta R.T. 0.012 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

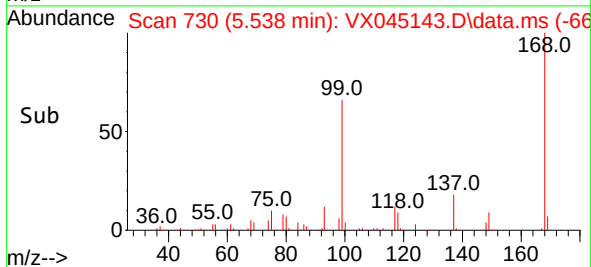
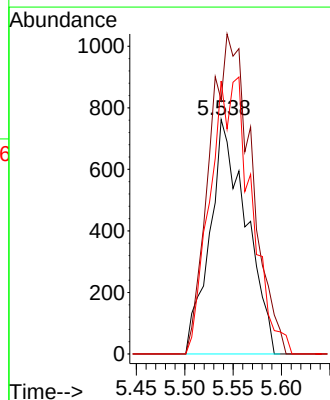
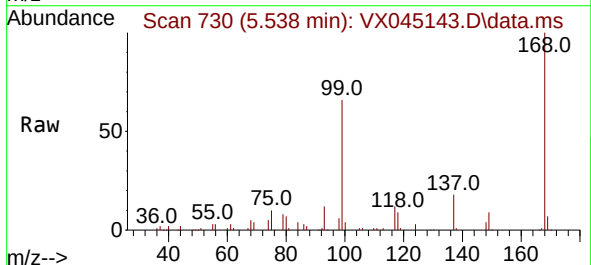
Instrument : MSVOA_X
ClientSampleId : IDW-AQ-DRUM-612-022825

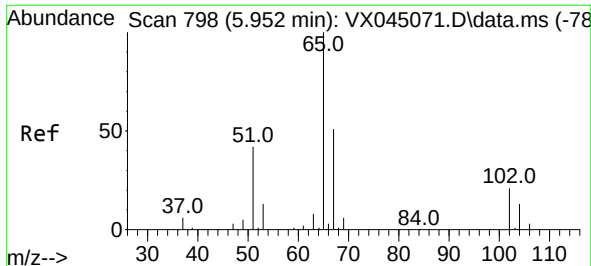
Tgt Ion: 42 Resp: 1256
Ion Ratio Lower Upper
42 100
72 17.3 34.1 51.1#
71 27.7 31.4 47.0#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 56 Resp: 1992
Ion Ratio Lower Upper
56 100
69 108.3 23.4 35.2#
84 116.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 52.671 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045143.D

Acq: 05 Mar 2025 15:32

Instrument :

MSVOA_X

ClientSampleId :

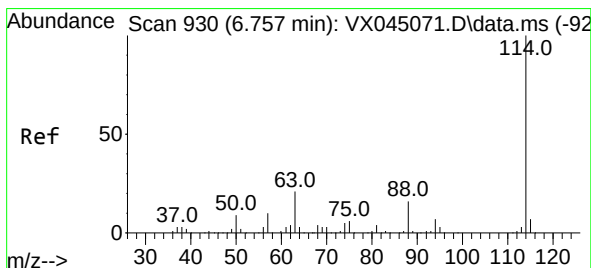
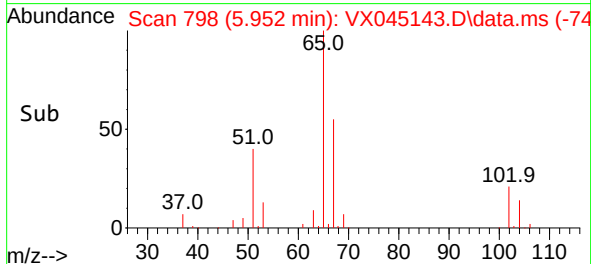
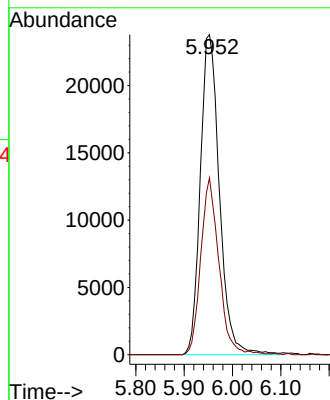
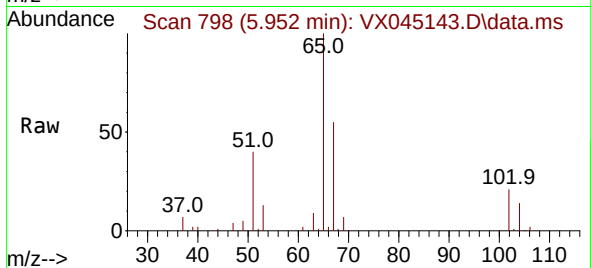
IDW-AQ-DRUM-612-022825

Tgt Ion: 65 Resp: 65197

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045143.D

Acq: 05 Mar 2025 15:32

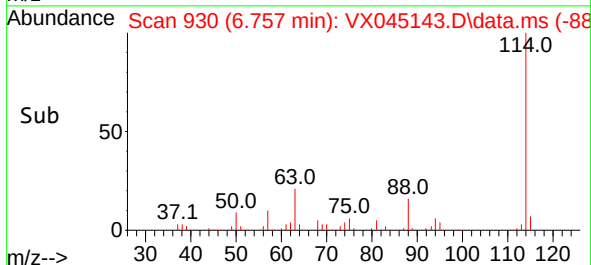
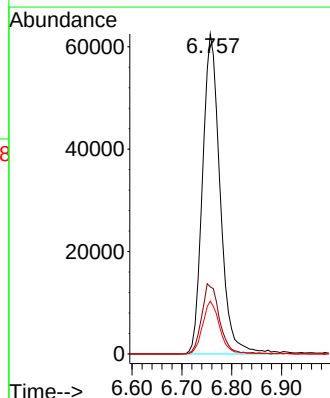
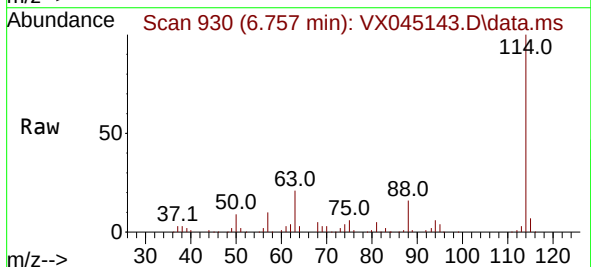
Tgt Ion: 114 Resp: 152987

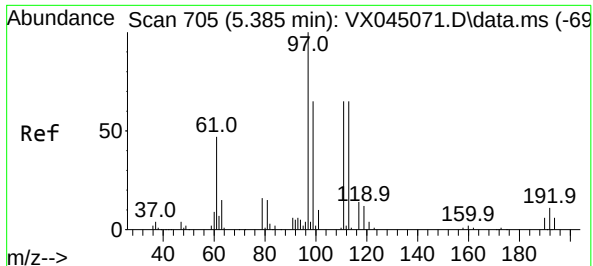
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.8

88 16.5 0.0 32.8

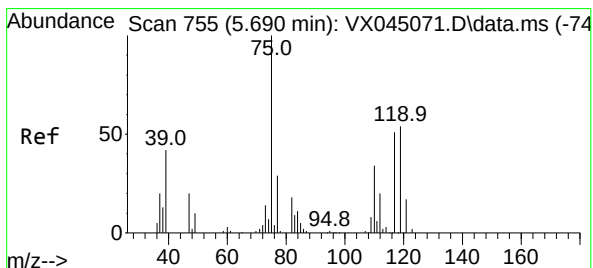
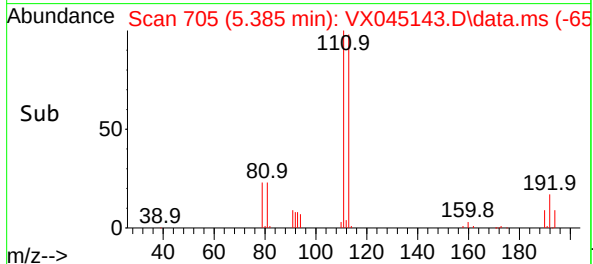
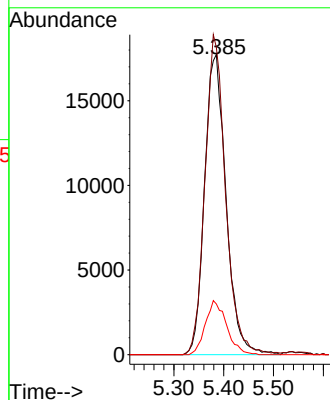
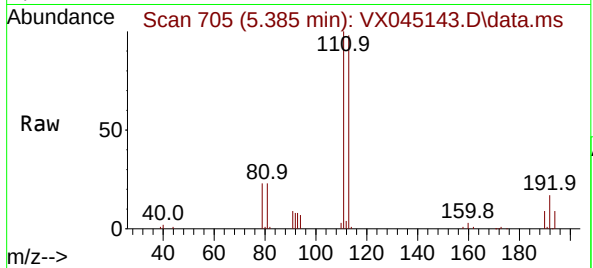




#35
Dibromofluoromethane
Concen: 51.924 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

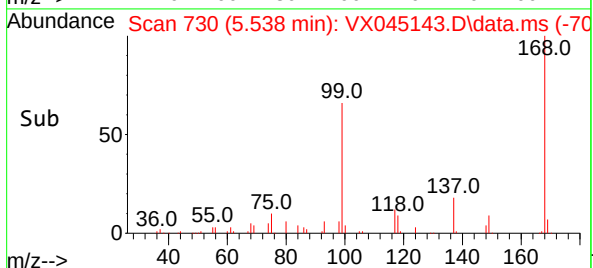
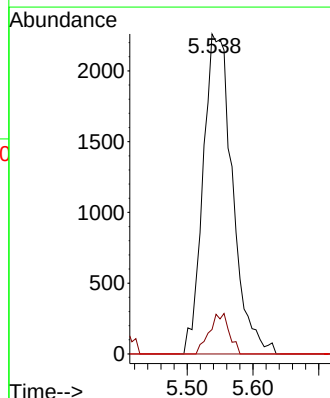
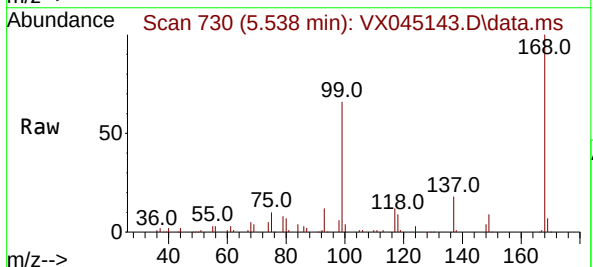
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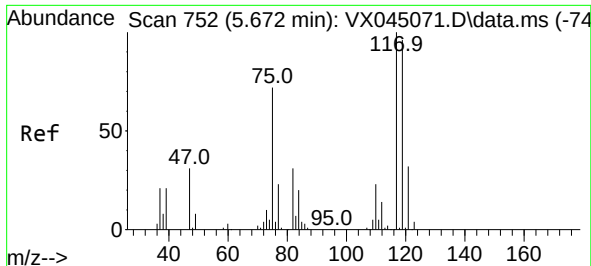
Tgt Ion:	113	Resp:	53117
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	17.8	14.3	21.5



#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.152 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion:	75	Resp:	7027
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.9	50.6#
77	0.0	24.5	36.7#

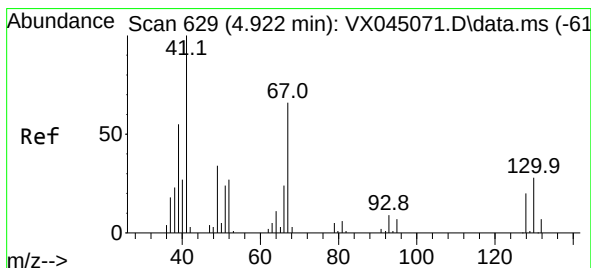
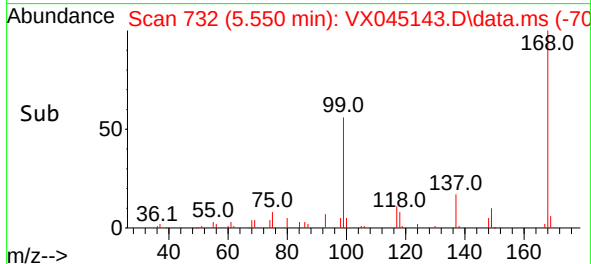
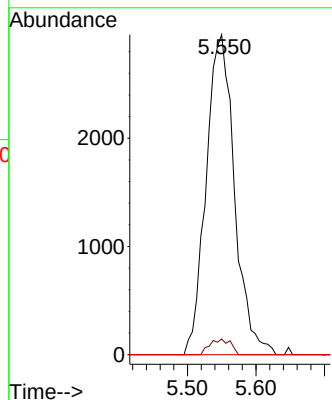
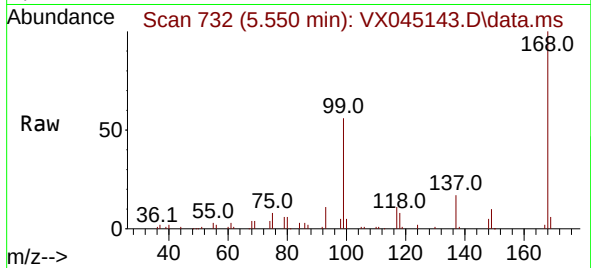




#38
Carbon Tetrachloride
Concen: 5.977 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

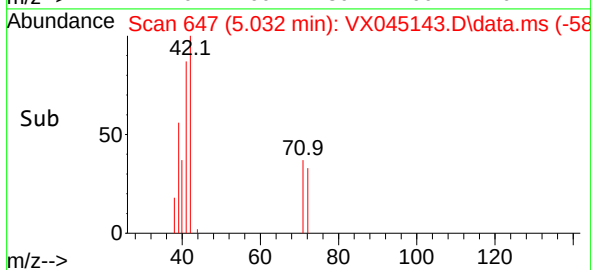
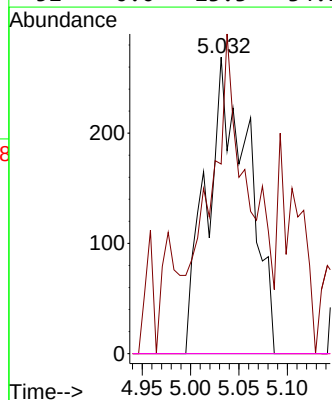
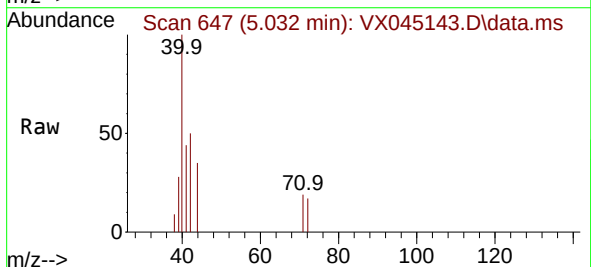
Instrument :
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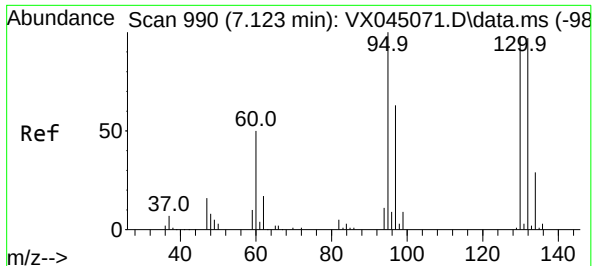
Tgt Ion:117 Resp: 8513
Ion Ratio Lower Upper
117 100
119 4.9 76.7 115.1#
121 0.0 25.5 38.3#



#41
Methacrylonitrile
Concen: 0.818 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 41 Resp: 800
Ion Ratio Lower Upper
41 100
39 61.3 44.6 67.0
67 0.0 53.9 80.9#
52 0.0 23.3 34.9#

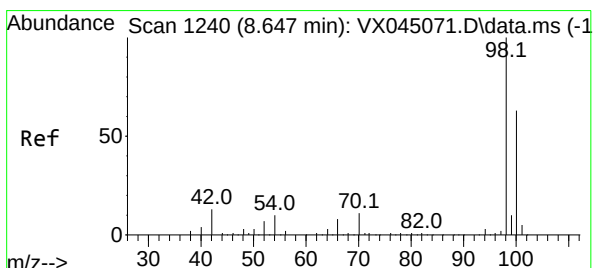
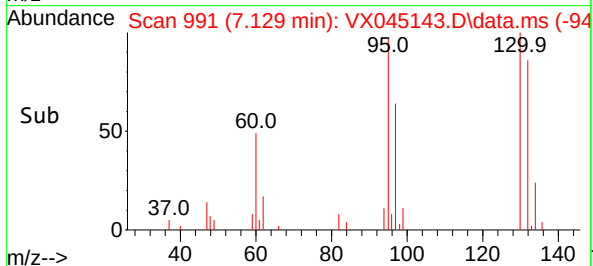
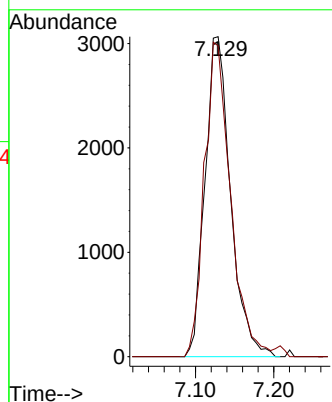
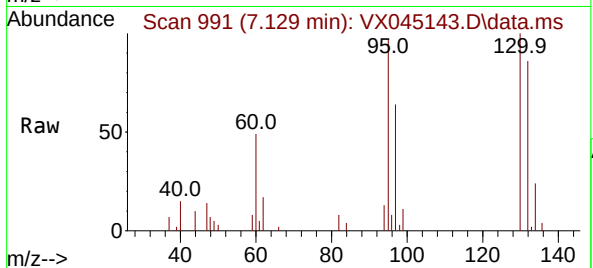




#44
 Trichloroethene
 Concen: 6.689 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX045143.D
 Acq: 05 Mar 2025 15:32

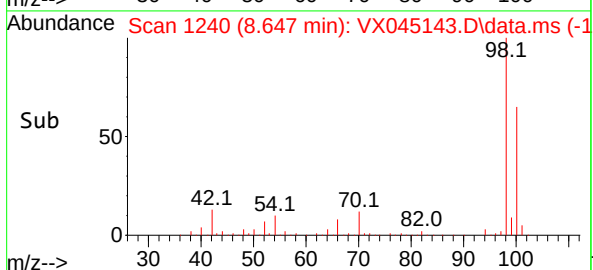
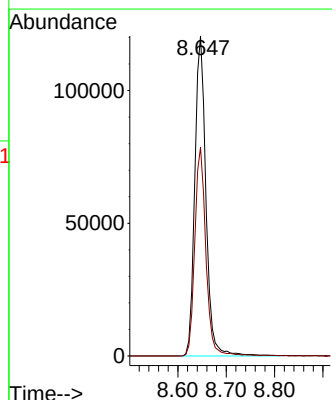
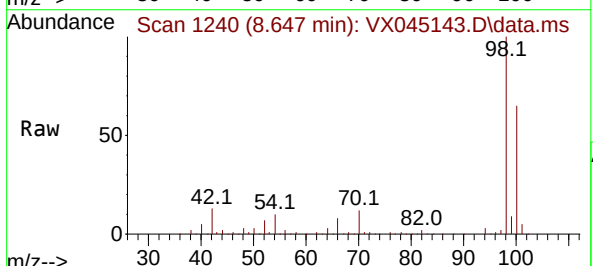
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-DRUM-612-022825

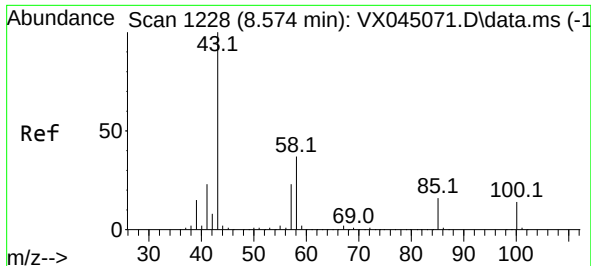
Tgt Ion:130 Resp: 6958
 Ion Ratio Lower Upper
 130 100
 95 97.2 0.0 205.0



#50
 Toluene-d8
 Concen: 51.958 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX045143.D
 Acq: 05 Mar 2025 15:32

Tgt Ion: 98 Resp: 192696
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.0 78.0

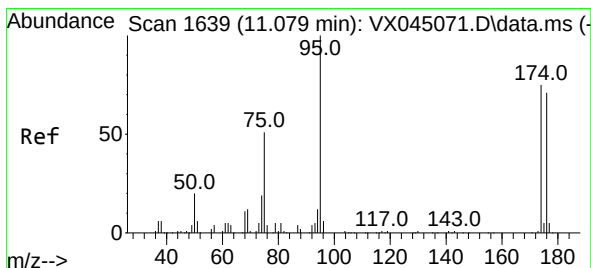
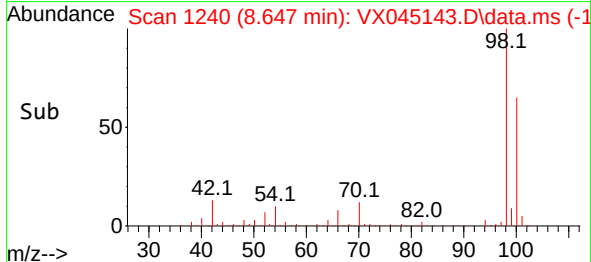
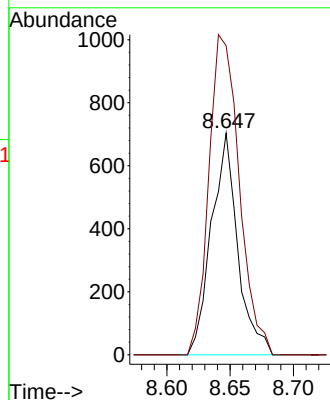
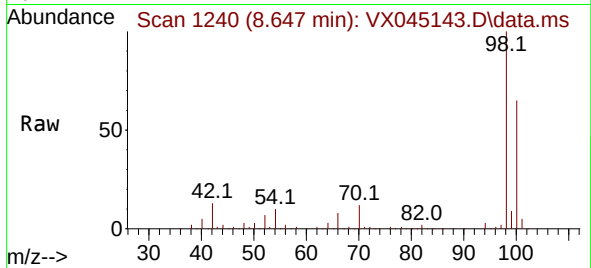




#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

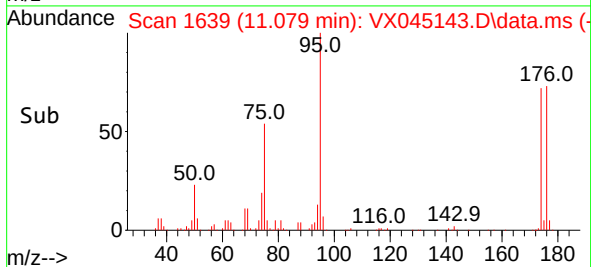
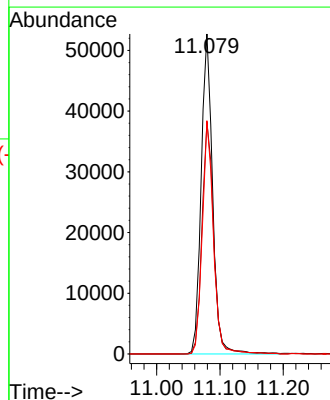
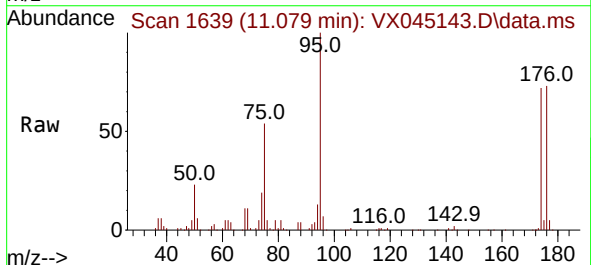
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

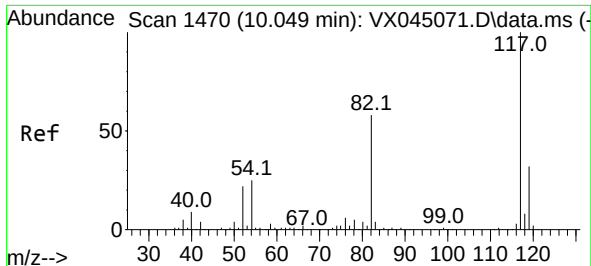
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 167.0 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 95 Resp: 66421
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.2
176 71.1 0.0 141.4

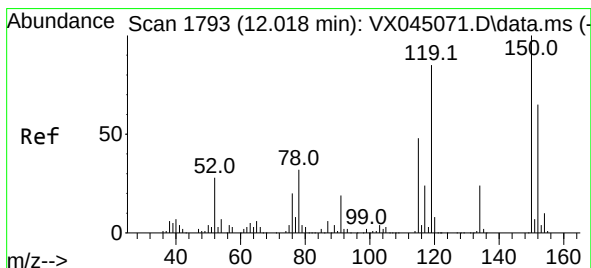
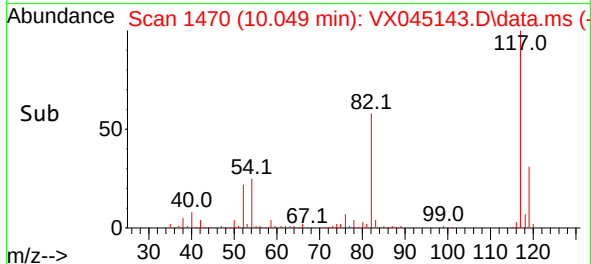
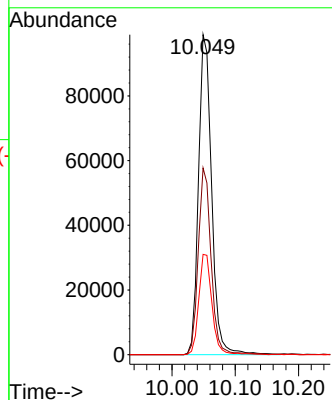
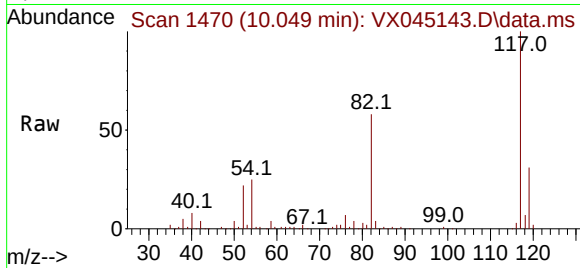




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

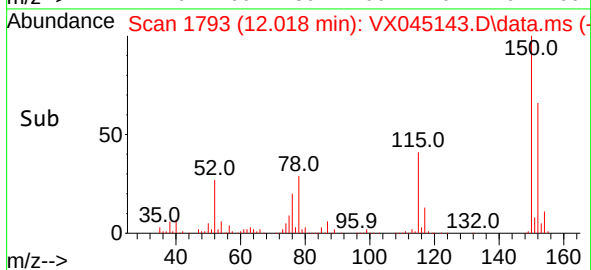
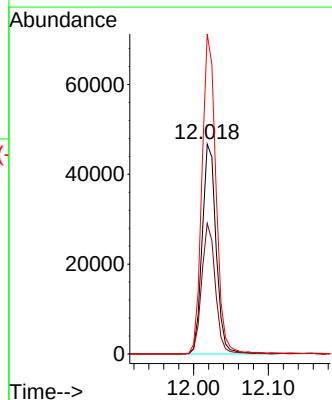
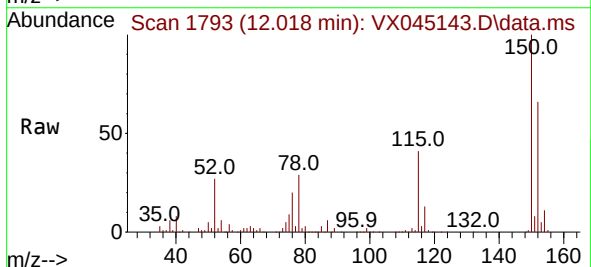
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-DRUM-612-022825

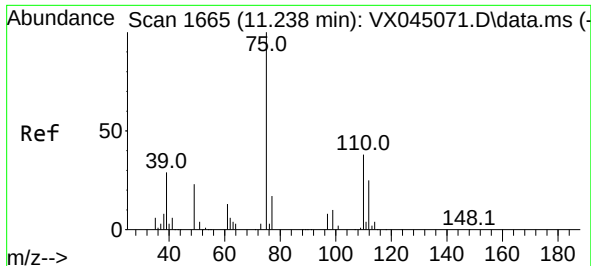
Tgt Ion:117 Resp: 143136
Ion Ratio Lower Upper
117 100
82 58.3 46.3 69.5
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion:152 Resp: 60629
Ion Ratio Lower Upper
152 100
115 60.8 44.2 132.6
150 152.6 0.0 349.0

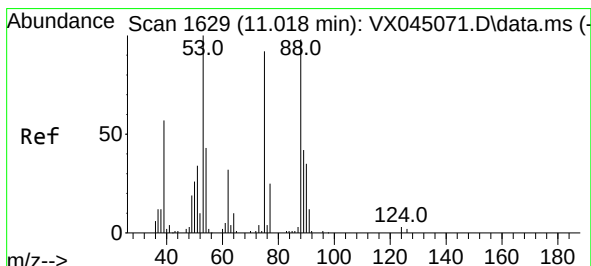
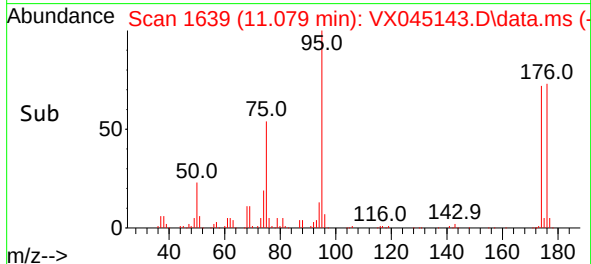
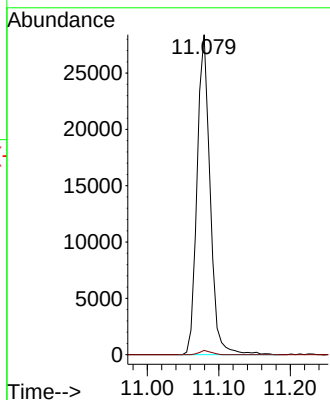
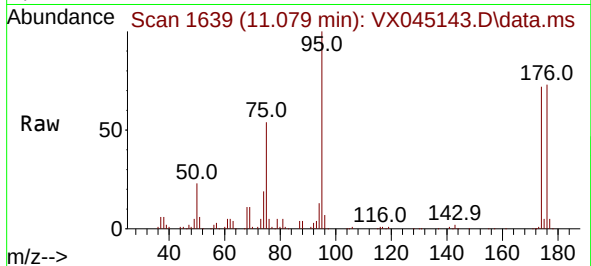




#76
1,2,3-Trichloropropane
Concen: 25.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Instrument : MSVOA_X
ClientSampleId : IDW-AQ-DRUM-612-022825

Tgt Ion: 75 Resp: 35917
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045143.D
Acq: 05 Mar 2025 15:32

Tgt Ion: 75 Resp: 35917
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

